



## STANDARD OPERATING PROCEDURE 604 PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS

---

### 1. PURPOSE

---

This Standard Operating Procedure (SOP) describes the attire required for working in designated animal areas.

---

### 2. RESPONSIBILITY

---

Principal investigator (PI), their research staff, and anyone entering an animal facility.

---

### 3. PROCEDURES

---

- 3.1. Personal clothing and personal protective equipment (PPE) requirements are determined by the following:
  - 3.1.1. Risk assessment of the workplace, the task, and the associated hazards.
  - 3.1.2. Review of Material Safety Data Sheets (MSDS) or other suitable information.
  - 3.1.3. Assessment by the Occupational Health Program.
  - 3.1.4. BGU Environmental Health and Safety (EHS) recommendations.
- 3.2. Clothing and PPE designated for animal areas should not be worn publicly.
- 3.3. Outer protective clothing:
  - 3.3.1. Wear dedicated work clothes or outer protective clothing (e.g., lab coat, scrubs, gown, Tyvek<sup>®</sup> suit) in animal facilities, especially when in contact with:
    - 3.3.1.1. Infected animals, their waste, or bodily fluids
    - 3.3.1.2. Infectious, radioactive, or chemical hazards
    - 3.3.1.3. Specific Pathogen Free (SPF) animals maintained in a barrier facility
  - 3.3.2. Cover legs, feet, and arms when working with chemical, infectious, or radioactive hazards.
- 3.4. Gloves:
  - 3.4.1. Wear gloves whenever there is contact with urine, feces, blood, or other biological fluids, infectious, chemical, or radioactive hazards.
  - 3.4.2. Change gloves frequently to minimize fomite contamination within the animal room. Consider using double gloves (i.e., outer and inner pairs) for additional protection and to prevent contaminating surfaces by changing outer gloves frequently while maintaining protection with the inner gloves.
  - 3.4.3. Wash hands thoroughly with soap and water or use an alcohol sanitizer at the end of the procedure or upon leaving the facility.

3.5. Mucous membrane/respiratory protection:

- 3.5.1. Utilize a face mask if there is a risk of splashing or droplet exposure to mucous membranes.
- 3.5.2. Consult with BGU safety dept to determine the need for respiratory protection against airborne hazardous materials and allergens. Respiratory protection includes but is not limited to biological safety cabinets and disposable respirators such as N95 filtering face pieces.

3.6. Ocular/Facial Protection:

- 3.6.1. Work in biological safety hood whenever possible.
- 3.6.2. Wear protective goggles or a face shield whenever there is a risk of exposure or physical injury to the face/eyes.
- 3.6.3. Prescription eyeglasses used to correct vision are not considered protective; wear other or protective goggles and a face shield.

3.7. Foot Protection:

- 3.7.1. Wear disposable shoe covers whenever working with:
  - 3.8.1.4. Infected animals or their waste
  - 3.8.1.5. Infectious or radioactive hazards
- 3.7.2. Closed-toed and closed-heeled shoes must be worn in animal facilities. Sandals and open-toed shoes are not allowed.
- 3.7.3. Dedicated shoes or shoe covers are recommended when working with SPF animals inside a barrier. These working shoes should not be worn outside the facility.
- 3.7.4. Shoes with protective steel caps are recommended when working with large animals or heavy cages.

3.8. Head/Hair Protection:

- 3.8.1. Wear a disposable head cover whenever working with:
  - 3.8.1.1. Infected animals or their waste
  - 3.8.1.2. Infectious or radioactive hazards
- 3.8.2. Ensure that the cap covers all hair.

3.9. Hearing Protection:

- 3.9.1. Hearing protection may be necessary when working in areas or facilities where noise may be a concern (e.g., large numbers of chickens, cage washing equipment).
- 3.9.2. Personnel exposed to noise levels over 90 decibels (dBA) or greater, averaged over an eight-hour workday, will need protective hearing equipment.

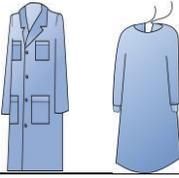
3.10. Heat Protection:

- 3.10.1. Wear heat protection gloves when removing items from the cage washer or the autoclave at the end of the cycle.

---

#### 4. REQUIRED PERSONAL PROTECTIVE EQUIPMENT

---

		All Animal Rooms
SCRUBS (Staff Only)		✓
GOWN		✓
GLOVES		✓
EYE PROTECTION (Depend on the work needed)		✓
MASK		✓
BONNET		✓
SHOE-COVERS		✓

**SOP 604 PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS**

Written on (dd,mm,yyyy) 01.11.2022

Revised on (dd,mm,yyyy) 13.03.2023

Approved by the BGU Animal Policy and Welfare Oversight